

# BOEING B-17E "Peggy D"



H-228-380

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LITHO IN U.S.A.

Polebrook, England, August 17, 1942. Twelve B-17E "Flying Fortress" bombers thunder into the air at 3:26 p.m. and set course for the railway marshalling yards at Roen, in German occupied France. The Germans had seen B-17's before in the form of RAF "Fortress I's" but their lack of defensive armament did not do much to bolster their formidable name. The Germans would soon know that these B-17E's were quite different. With their new defensive armament of twelve .50 caliber machine guns, they were the first real combat-worthy "Forts" and were very formidable indeed!

These twelve four-engine bombers live in history as the initiators of the U.S. 8th Air Force's daylight bombing offensive, which grew from this modest beginning to raids involving thousands of aircraft by the war's end.

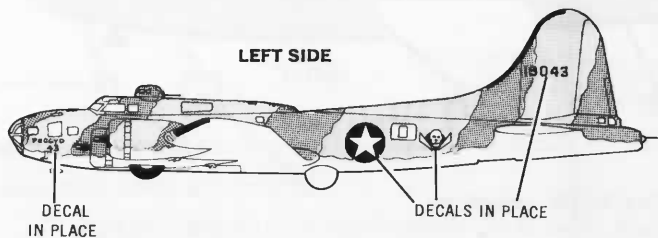
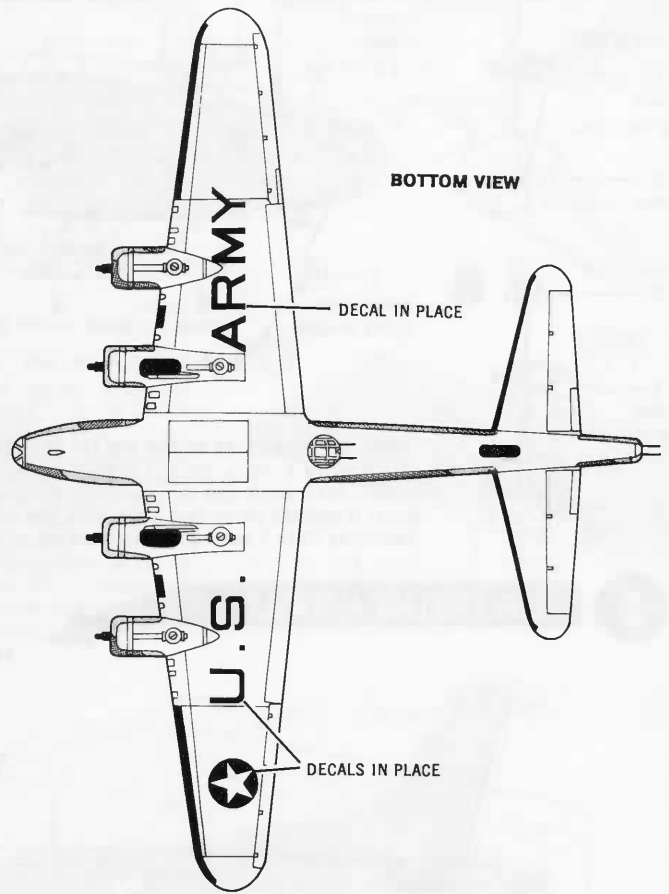
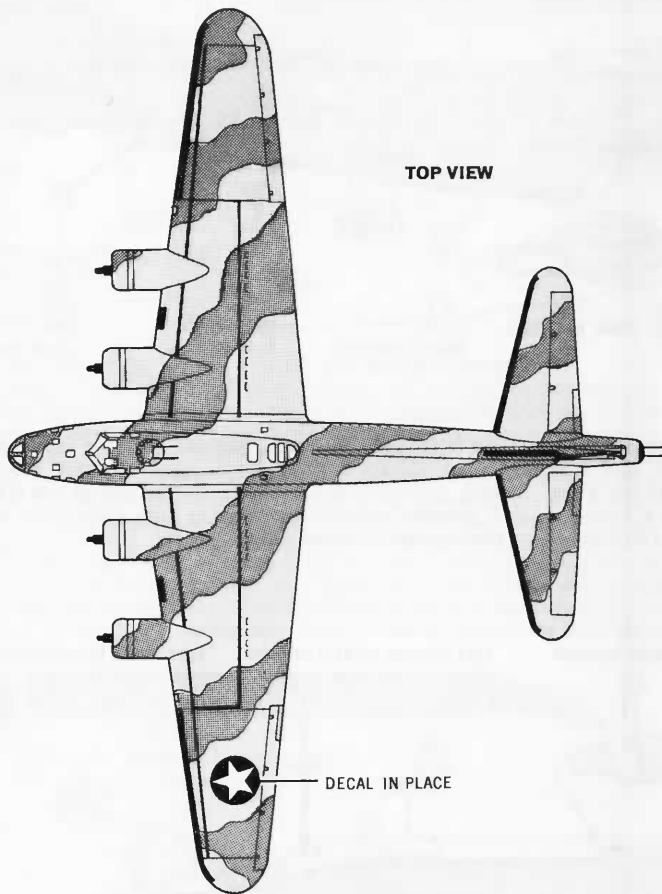
Among the twelve B-17's that attacked Roen that day were

aircraft named "Yankee Doodle" (carrying General Ira Eaker, Commanding General of the 8th Air Force), "Johnny Reb," "Birmingham Blitzkrieg," "Berlin Sleeper," "Big Stuff," "Butcher Shop," and "Baby Doll," and the subject of this kit, "Peggy D." All returned safely from that mission.

### B-17E DATA

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>SPAN:</b>             | 103' 9"                              |
| <b>LENGTH:</b>           | 73' 1½"                              |
| <b>HEIGHT:</b>           | 19'                                  |
| <b>POWER:</b>            | 4x Wright R-1820-65 of 1200 hp each  |
| <b>MAX GROSS WEIGHT:</b> | 48,726 lbs.                          |
| <b>BOMB LOAD:</b>        | 4000 lbs.                            |
| <b>TOP SPEED:</b>        | 318 mph at 25,000'                   |
| <b>MAX RANGE:</b>        | 3,300 miles on 2,492 gals. at 5,000' |

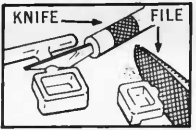

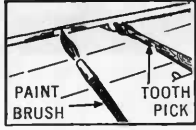
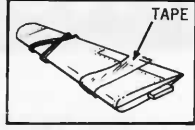
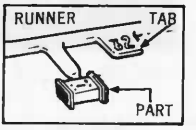
### 3 VIEW DRAWING



### PACTRA COLOR GUIDE


|  |  |
|--|--|
|  | FLAT BLACK < = # XF-1 FLAT BLACK           |
|  | GREY < = # M-12 REBEL GREY                 |
|  | OLIVE DRAB < = # M-6 OLIVE DRAB            |
|  | FLAT YELLOW < = # XF-3 FLAT YELLOW         |
|  | GREEN < = # XF-53 FLAT ZINC CHROMATE GREEN |

GET YOUR TOOLS READY:

|   |   |  |  |  |
|---|---|--|--|--|
| <p><b>KNIFE</b></p>  <p>TO TRIM PARTS</p> | <p><b>TWEEZERS</b></p>  <p>TO HOLD</p> | <p><b>CEMENT</b></p>  <p>TO APPLY</p> | <p><b>HOLDING</b></p>  <p>TILL PARTS DRY</p> | <p><b>IDENTIFICATION</b></p>  <p>REMOVE WHEN CALLED FOR</p> |
|---|---|--|--|--|

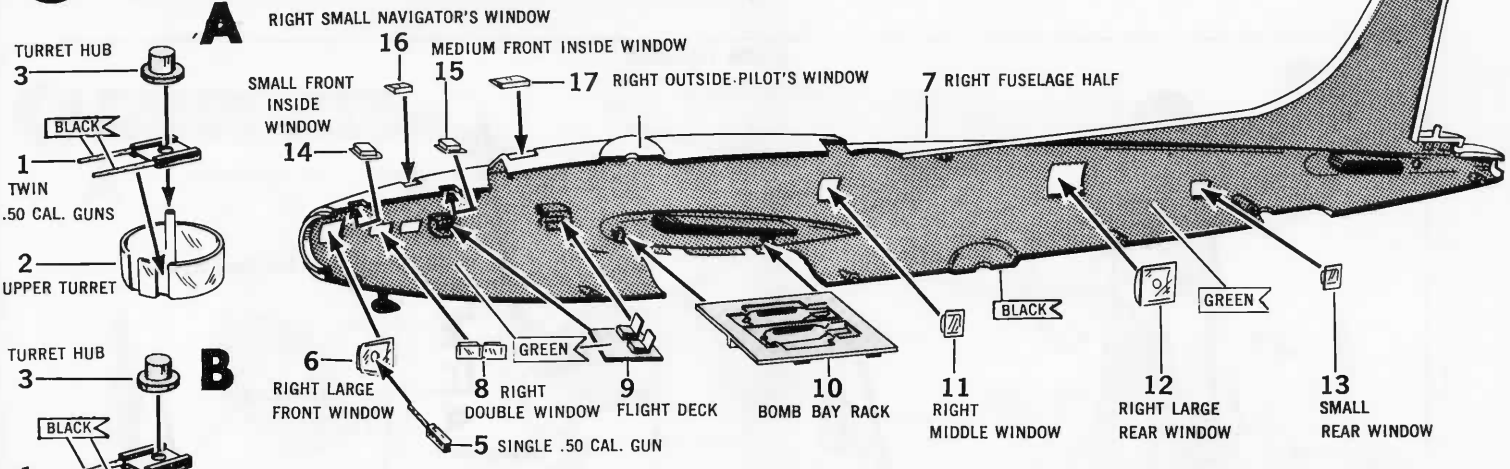
FIRST, FIT PARTS TOGETHER and TRIM EXCESS PLASTIC. Use a toothpick, pin or small paint brush to apply cement. APPLY CEMENT SPARINGLY Too much cement will damage your model.

If you wish to stop at any point during the construction of your model do so at the end of an Assembly Step. NOTE: In the illustrations some of the details on the parts have been OMITTED FOR CLARITY

IF YOU WISH TO PAINT YOUR MODEL — See PAINTING FLAGS  for color suggestions. SEE 3 — VIEW DRAWINGS

- Use paints made for plastics only.
- Paint small parts **before** detaching from runner
- Start with the lighter colors.
- Scrape off paint where cement is to be applied. Cement will not work on paint.

**1 TURRET AND RIGHT FUSELAGE ASSEMBLY**



**A RIGHT SMALL NAVIGATOR'S WINDOW**

TURRET HUB 3  
1 TWIN .50 CAL. GUNS  
2 UPPER TURRET

**B**

TURRET HUB 3  
1 TWIN .50 CAL. GUNS  
4 BALL TURRET

16 MEDIUM FRONT INSIDE WINDOW  
15  
17 RIGHT OUTSIDE PILOT'S WINDOW  
7 RIGHT FUSELAGE HALF

14 SMALL FRONT INSIDE WINDOW  
6 RIGHT LARGE FRONT WINDOW  
8 RIGHT DOUBLE WINDOW  
9 FLIGHT DECK  
10 BOMB BAY RACK  
11 RIGHT MIDDLE WINDOW  
12 RIGHT LARGE REAR WINDOW  
13 SMALL REAR WINDOW

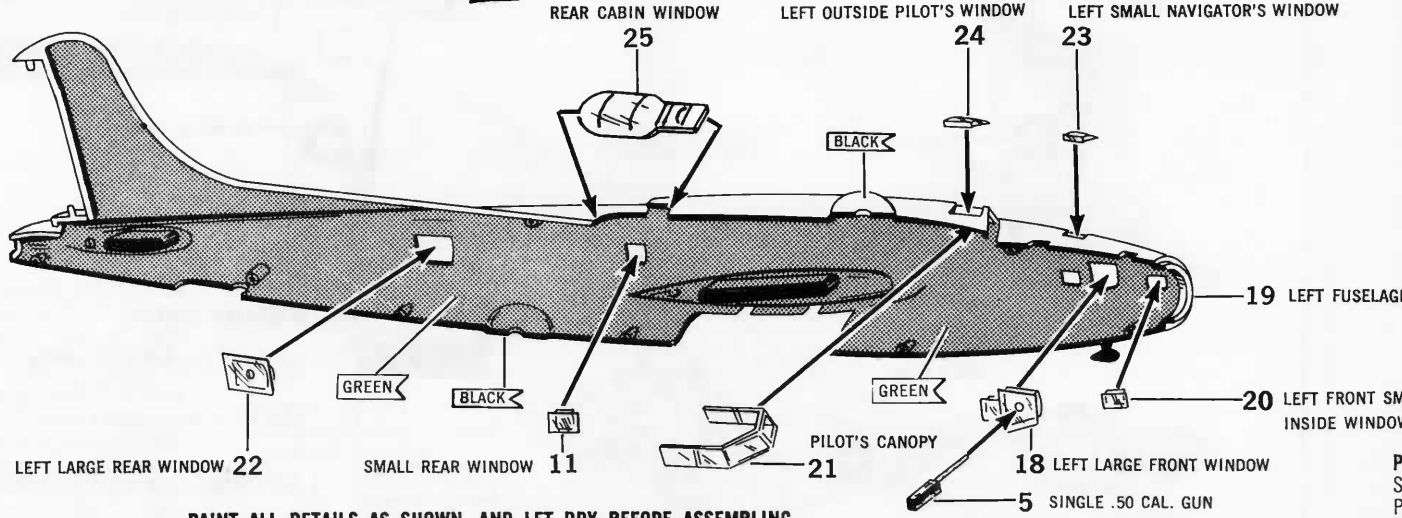
5 SINGLE .50 CAL. GUN

1 BLACK  
2 BLACK  
3 GREEN  
4 BLACK  
5 GREEN

**PAINT ALL DETAILS, AS SHOWN AND LET DRY BEFORE ASSEMBLING**  
See Drawing A. Place, DO NOT CEMENT (1) Part 1 into Part 2, as shown. Put a small drop of cement into the hole in (1) Part 3 and press it onto the pin on Part 2. Set aside. See Drawing B. Assemble remaining Parts 1 and 3 onto Part 4 and set aside. See Main Draw-

ing. NOTE: when assembling Windows, apply the cement sparingly around openings in Fuselage to prevent "FOGGING" Clear Plastic Parts. Cement (1) Part 5 into Part 6, then cement Part 6 into Part 7. Carefully assemble the remaining Parts 8 thru 17 to the Right Fuselage Half, as shown. Set aside to dry.

**2 LEFT FUSELAGE ASSEMBLY**



25 REAR CABIN WINDOW  
24 LEFT OUTSIDE PILOT'S WINDOW  
23 LEFT SMALL NAVIGATOR'S WINDOW

19 LEFT FUSELAGE HALF

20 LEFT FRONT SMALL INSIDE WINDOW

18 LEFT LARGE FRONT WINDOW  
5 SINGLE .50 CAL. GUN

11 SMALL REAR WINDOW  
12 LEFT LARGE REAR WINDOW

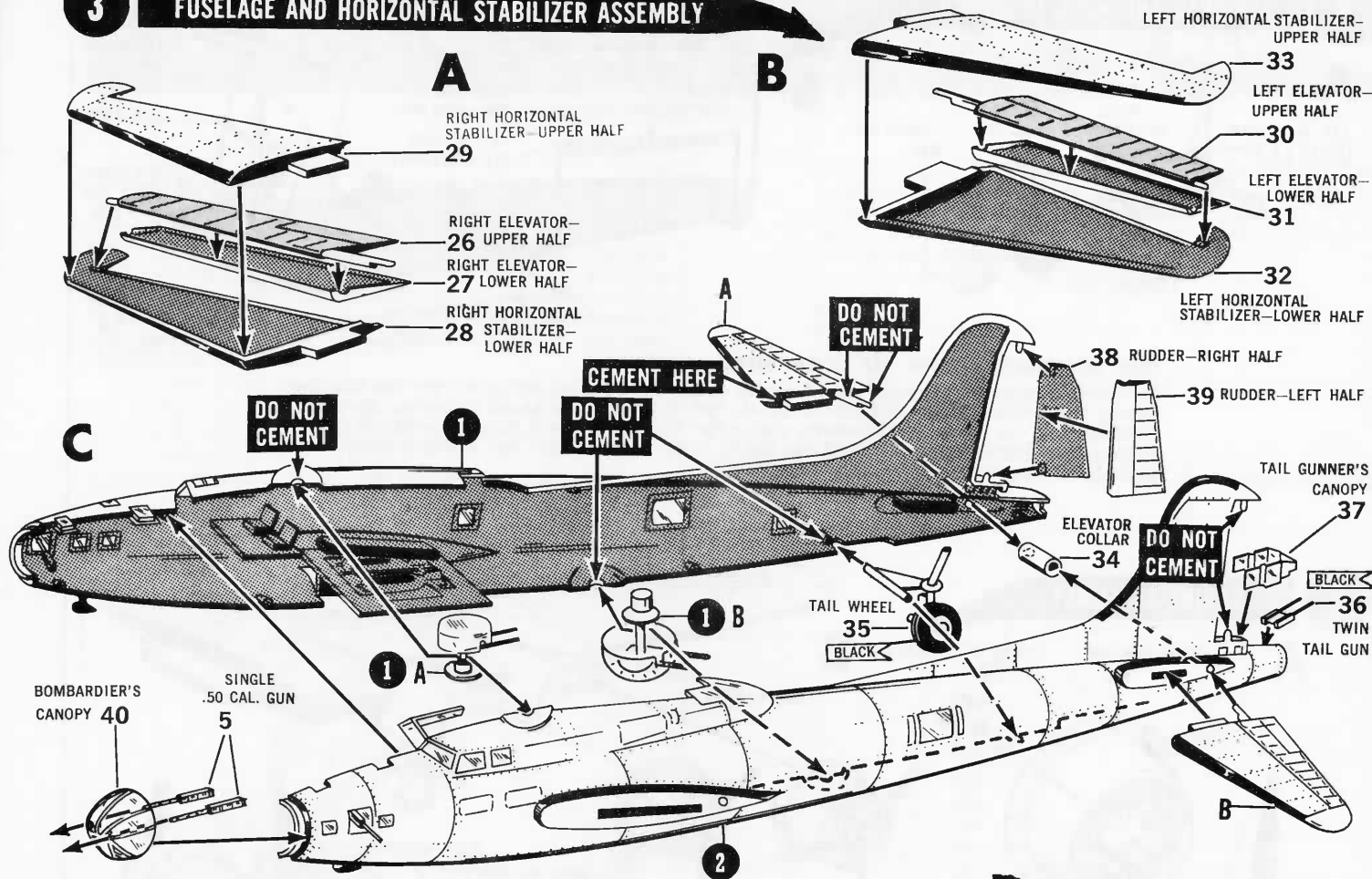
22 LEFT LARGE REAR WINDOW  
11 SMALL REAR WINDOW

21 PILOT'S CANOPY

11 BLACK  
12 GREEN  
13 BLACK  
14 GREEN

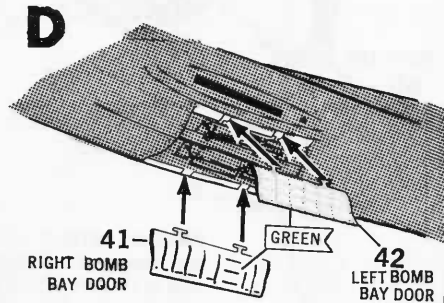
**PAINT ALL DETAILS AS SHOWN, AND LET DRY BEFORE ASSEMBLING**  
Assemble Parts 5, 11, and 18 thru 25 in the same manner as you assembled Parts 5 thru 17 in Step 1. Set aside to dry.

### 3 FUSELAGE AND HORIZONTAL STABILIZER ASSEMBLY

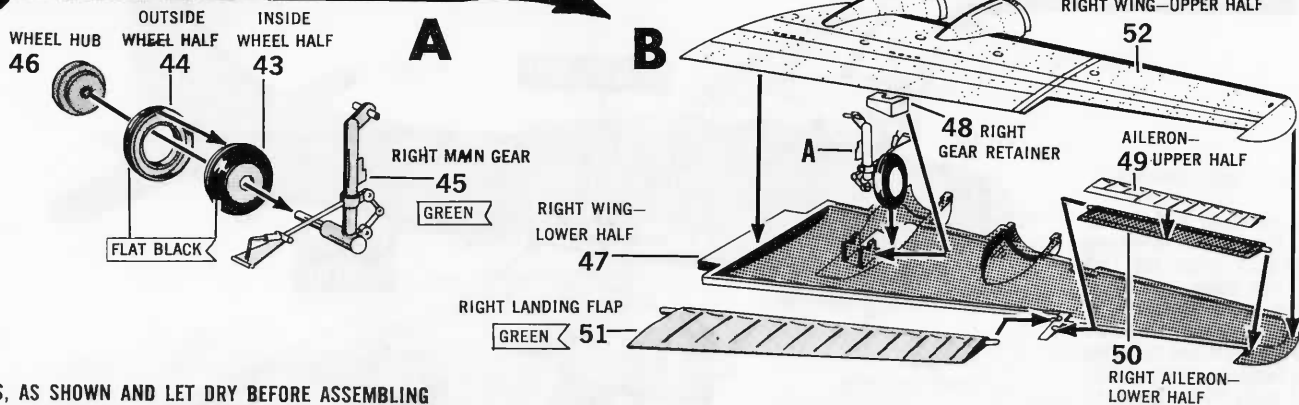


**PAINT ALL DETAILS AS SHOWN, AND LET DRY BEFORE ASSEMBLING**

See Drawing A. Cement Parts 26 and 27 together and set aside. Cement Parts 28 and 29 together, being sure no cement touches slots. Place, **DO NOT CEMENT** assembled Parts 26 and 27 into assembled Parts 28 and 29 and tape Elevator temporarily to Horizontal Stabilizer. See Drawing B. Assemble Parts 30, 31, 32, and 33 in the same manner as in Step A. See Drawing C. Apply cement, as shown on Assembly A and press into place on Assembly 1. Put a small drop of cement into the hole in Part 34 and press onto pin on Assembly A. Cement Assembly B into Assembly 2. Cement Parts 36 and 37 inside Assembly 2. Now, place, **DO NOT CEMENT** Assemblies 1A, 1B and Part 35 inside Assembly 1. **IMPORTANT:** Follow this step carefully. Apply cement sparingly to the edges of Assembly 1 and carefully press onto Assembly 2, being sure to locate Pilot's Canopy, Flight Deck, Bomb Bay Rack, Tail Wheel, Tail Canopy, Tail Guns and Elevator Collar properly. Next, cement Parts 38 and 39 around the pins in the Tail Section, being careful no cement touches slots as Rudder should turn. Cement (2) Parts 5 into Part 40, and cement Part 40 to front of Fuselage. See Drawing D. Carefully snap Parts 41 and 42 into place. Remove tape from Elevators. Check all moving Parts to see that they move freely.



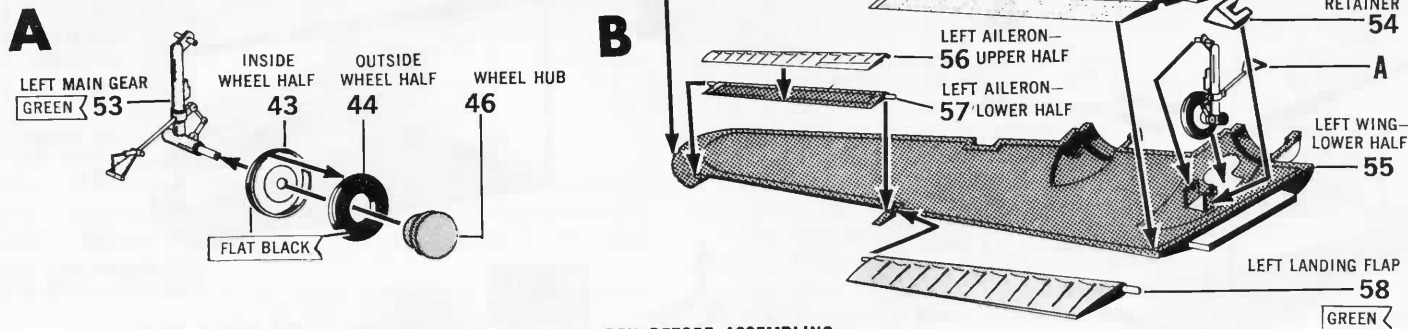
### 4 RIGHT GEAR AND WING ASSEMBLY



**PAINT ALL DETAILS, AS SHOWN AND LET DRY BEFORE ASSEMBLING**  
 See Drawing A. Cement (1) Part 43 onto (1) Part 44. Slide Wheel onto Axle on Part 45. Put a small drop of cement into the hole in (1) Part 46 and press onto Axle on Part 45. **DO NOT** let cement touch Wheel as it must move. See Drawing B. Place Assembly A into opening in Part 47 with pins on Assembly A resting in slots in Part 47. Apply cement onto the bottom of the legs on (1) Part 48 and place Part 48 around Gear

Locators, as shown. **DO NOT** let cement touch Main Gear as it should move UP and DOWN. Now, cement Parts 49 and 50 together, then place, **DO NOT CEMENT** the pins on Part 50 into the slots in Part 47. Next, apply cement on edges of Part 47 but not around pins on Aileron, then press Part 52 onto Part 47. Place Part 51 into assembled Parts 47 and 52 and tape temporarily to bottom of Wing.

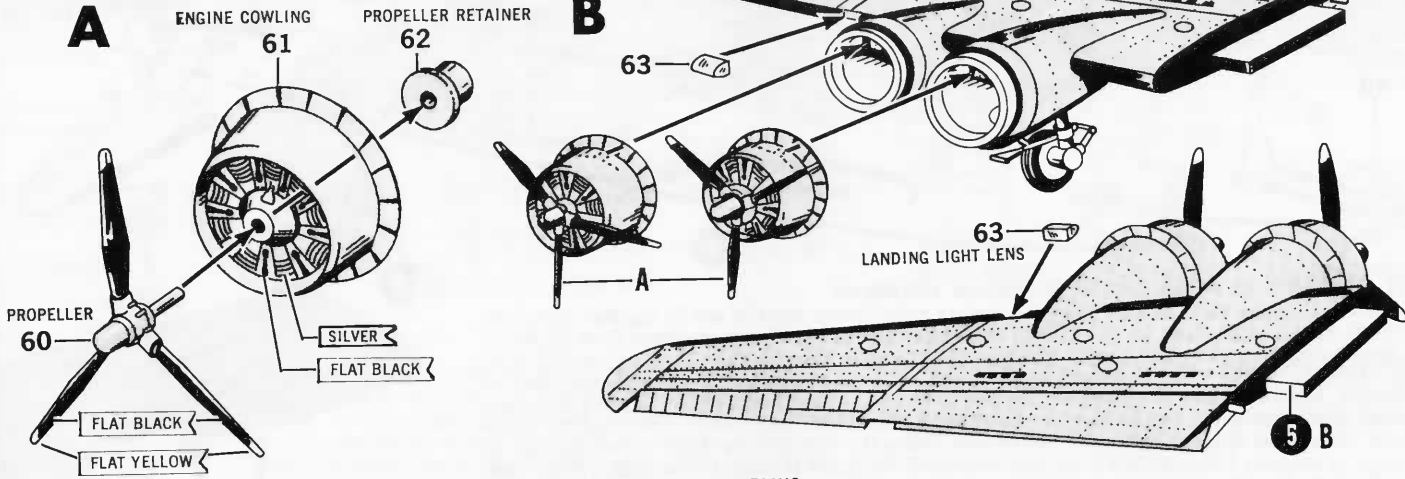
## 5 LEFT GEAR AND WING ASSEMBLY



**PAINT ALL DETAILS AS SHOWN, AND LET DRY BEFORE ASSEMBLING**

See Drawing A. Assemble remaining Parts 43, 44, and 46 onto Part 53 as you did on the Right Main Gear. See Drawing B. Assemble Left Main Gear and Part 54 into Part 55. Cement Parts 56 and 57 together, then place, DO NOT CEMENT the pins on Part 57 into the slots in Part 55. Apply cement to the edges of Part 55 but not around pins on Aileron, then press Part 59 onto Part 55. Place, DO NOT CEMENT Part 58 into assembled Parts 55 and 59 and tape temporarily to bottom of Wing.

## 6 ENGINE ASSEMBLY



**PAINT ALL DETAILS, AS SHOWN AND LET DRY BEFORE ASSEMBLING**

See Drawing A and PLACE, DO NOT CEMENT (1) Part 60 into (1) Part 61. Put a small drop of cement into the hole in (1) Part 62 and press onto the pin on Part 60. MAKE (4) SETS. See Drawing B. Cement (2) Assemblies A onto Assembly 4B and 5B. Finally, cement (1) Part 63 into Assembly 4B and (1) Part 63 into Assembly 5B then set aside to dry.

## 7 FINAL ASSEMBLY

SEE 3 - VIEW DRAWINGS

Apply cement to the Left Side of the Fuselage, as shown and CAREFULLY press the Left Wing into place. The Right Wing is shown assembled in place. Next, cement (1) Part 64 to the Right and Left Side of the Fuselage. Finally, CAREFULLY apply all the Decals to both sides of your Model then set aside. NOTE: Remove tape from Landing Flaps.

